

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Inventor Application of:

Examiner: C. S. Rosenthal

Syed F.A. Hossainy et al.

Serial No.: 10/751,289

Art Unit: 1615

Filed: January 2, 2004

Title: COATING FOR IMPLANTABLE DEVICES AND METHOD OF FORMING THE SAME

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. §§1.97-1.98**

Dear Examiner:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and pursuant to 37 C.F.R. §§1.97-1.98, Applicants hereby notify the U.S. Patent and Trademark Office of the references listed on the attached Form PTO-1449. According to a Notice signed July 11, 2003, the U.S. Patent and Trademark Office has waived the requirement under 37 C.F.R. § 1.98(a)(2)(i) for all patent applications filed after June 30, 2003. Since this patent application was filed after June 30, 2003, Applicants have not provided copies of the cited U.S. patents or the U.S. Patent Application Publications. Copies of the cited foreign patent documents and non-patent documents have been submitted herewith.

The submission of the listed documents is not intended as an admission that any such documents constitutes prior art against the claims of the present application. Applicants reserve the right to dispute the listed documents as prior art during examination. Furthermore, Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application. The submission of this Supplemental Information Disclosure Statement is not to be

construed as a representation that a search has been made or that no other material information may exist.

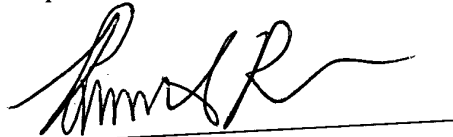
The Examiner is requested to initial the enclosed Form PTO-1449 and return a copy thereof to the undersigned.

The present Supplemental Information Disclosure Statement is being submitted after receiving an Office Action and after three months of the filing date of the above-identified application. Therefore, please charge Deposit Account No. 07-1850 in the amount of \$180.00 as specified in 37 C.F.R. §1.97(c) and 37 C.F.R. §1.17(p).

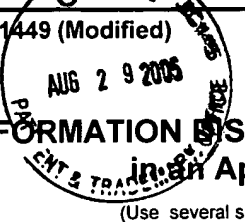
Date: August 25, 2005

SQUIRE, SANDERS & DEMPSEY L.L.P.
One Maritime Plaza, Suite 300
San Francisco, CA 94111
Telephone (415) 954-0200
Facsimile (415) 393-9887

Respectfully submitted,

A handwritten signature in dark ink, appearing to read 'Bernard F. Rose', written over a horizontal line.

Bernard F. Rose
Attorney for Applicants
Reg. No. 42,112

FORM PTO-1449 (Modified) COMMERCE  INFORMATION DISCLOSURE CITATION in an Application (Use several sheets if necessary)	US DEPARTMENT OF US Patent and Trademark Office	Docket No. 50623.363	Application No. 10/751,289
	Applicant Syed F.A. Hossainy et al.		
	Filing Date January 2, 2004	Group Art Unit 1615	

U.S. PATENT DOCUMENTS

Examiner Initial	Ref. No.	Document Number	Date of Patent	Name	Class	Subclass	Filing Date If Appropriate
	A1	2,072,303	3/2/37	Herrmann et al.	128	335.5	
	A2	3,929,992	12/30/75	Sehgal et al.	424	122	
	A3	4,151,413	4/24/79	Arnold	250	270	
	A4	4,316,885	2/23/82	Rakhit	424	122	
	A5	4,325,903	4/20/82	Wissbrun et al.	264	176 R	
	A6	4,650,803	3/17/87	Stella et al.	514	291	
	A7	5,100,883	3/31/92	Schiehser	514	183	
	A8	5,102,876	4/7/92	Caufield	514	183	
	A9	5,118,677	6/2/92	Caufield	514	183	
	A10	5,118,678	6/2/92	Kao et al.	514	183	
	A11	5,120,725	6/9/92	Kao et al.	514	183	
	A12	5,120,727	6/9/92	Kao et al.	514	183	
	A13	5,120,842	6/9/92	Failli et al.	540	452	
	A14	5,138,051	8/11/92	Hughes et al.	540	456	
	A15	5,151,413	9/29/92	Caufield et al.	514	63	
	A16	5,162,333	11/10/92	Failli et al.	514	291	
	A17	5,169,851	12/8/92	Hughes et al.	514	291	
	A18	5,221,740	6/22/93	Hughes	540	456	
	A19	5,258,389	11/2/93	Goulet et al.	514	291	
	A20	5,344,833	9/6/94	Hughes	514	291	
	A21	5,383,928	1/24/95	Scott et al.	623	1	
	A22	5,480,599	1/2/96	Leven et al.	264	53	
	A23	5,527,907	6/18/96	Or et al.	540	456	
	A24	5,575,818	11/19/96	Pinchuk	623	1	
	A25	5,583,139	12/10/96	Or et al.	514	291	
	A26	5,665,772	9/9/97	Cottens et al.	514	514	

	A27	5,672,605	9/30/97	Or et al.	514	291	
	A28	5,707,867	1/13/98	Glenn	435	375	
	A29	5,798,355	8/25/98	Steiner et al.	514	248	
	A30	5,843,960	12/1/98	Steiner et al.	514	317	
	A31	5,846,981	12/8/98	Steiner et al.	514	317	
	A32	5,897,911	4/27/99	Loeffler	427	2.25	
	A33	5,898,029	4/27/99	Lyons et al.	514	12	
	A34	5,912,253	6/15/99	Cottens et al.	514	291	
	A35	5,932,243	8/3/99	Fricker et al.	424	450	
	A36	5,962,007	10/5/99	Cooper et al.	424	426	
	A37	5,700,286	12/23/97	Tartaglia et al.	623	1	
	A38	5,985,890	11/16/99	Cottens et al.	514	291	
	A39	6,001,117	12/14/99	Huxel et al.	606	191	
	A40	6,013,621	1/11/00	Nishi et al.	514	2	
	A41	6,015,815	1/18/00	Mollison	514	291	
	A42	6,139,573	10/31/00	Sogard et al.	623	1.13	
	A43	6,143,037	11/7/00	Goldstein et al.	424	422	
	A44	6,200,985	3/13/01	Cottens et al.	514	291	
	A45	6,214,901	4/10/01	Chudzik et al.	523	113	
	A46	6,228,934	5/8/01	Horowitz et al.	524	800	
	A47	6,273,913	8/14/01	Wright et al.	623	1.42	
	A48	6,281,225	8/28/01	Hearst et al.	514	297	
	A49	6,284,788	9/4/01	Mittendorf et al.	514	445	
	A50	6,384,046	5/7/02	Schuler et al.	514	291	
	A51	6,387,124	5/14/02	Buscemi et al.	623	1.42	
	A52	6,475,235	11/5/02	Jayaraman	623	1.15	11/16/99
	A53	6,547,819	4/15/03	Strecker	623	1.22	4/13/01
	A54	6,713,119	3/30/04	Hossainy et al.	427	2.25	12/23/99

U.S. PATENT APPLICATION PUBLICATION DOCUMENTS

Examiner Initial	Ref. No.	Document Number	Date of Publication	Name	Class	Subclass	Filing Date if Appropriate
	A55	2001/0046518	11/29/01	Sawhey	424	486	8/14/98

	A56	2002/0007213	1/17/02	Falotico et al.	623	1.21	5/7/01	
	A57	2002/0007214	1/17/02	Falotico	623	1.21	5/7/01	
	A58	2002/0007215	1/17/02	Falotico et al.	623	1.21	5/7/01	
	A59	2002/0016625	2/07/02	Falotico et al.	623	1.13	5/7/01	
FOREIGN PATENT DOCUMENTS								
Examiner Initial	Ref. No.	Document Number	Date of Publication	Country	Class	Subclass	Translation	
							Yes	No
	B1	11299901	11/02/99	Japan (Abstract)			X	
	B2	EP 0 323 042	7/05/89	EPO				
	B3	EP 0 401 747	12/12/90	EPO				
	B4	EP 0 414 632	2/27/91	EPO				
	B5	EP 0 475 230	3/18/92	EPO				
	B6	EP 0 978 288	2/09/00	EPO				
	B7	EP 1 036 562	9/20/00	EPO				
	B8	EP 1 064 942	1/03/01	EPO				
	B9	WO 95/31104	11/23/95	PCT				
	B10	WO 96/13273	5/09/96	PCT				
	B11	WO 96/40140	12/19/96	PCT				
	B12	WO 97/03654	2/06/97	PCT				
	B13	WO 97/31020	8/28/97	PCT				
	B14	WO 98/02441	1/22/98	PCT				
	B15	WO 98/04256	2/05/98	PCT				
	B16	WO 98/09523	3/12/98	PCT				
	B17	WO 98/10747	3/19/98	PCT				
	B18	WO 98/44921	10/15/98	PCT				
	B19	WO 98/44922	10/15/98	PCT				
	B20	WO 99/19471	4/22/99	PCT				
	B21	WO 99/19473	4/22/99	PCT				
	B22	WO 99/24036	5/20/99	PCT				
	B23	WO 99/39720	8/12/99	PCT				
	B24	WO 99/42104	8/26/99	PCT				
	B25	WO 99/44584	9/10/99	PCT				
	B26	WO 99/44597	9/10/99	PCT				
	B27	WO 99/60997	12/02/99	PCT				

	B28	WO 99/61040	12/02/99	PCT				
	B29	WO 00/09085	2/24/00	PCT				
	B30	WO 00/15208	3/23/00	PCT				
	B31	WO 00/24390	5/04/00	PCT				
	B32	WO 00/32234	6/08/00	PCT				
	B33	WO 00/32238	6/08/00	PCT				
	B34	WO 00/33878	6/15/00	PCT				
	B35	WO 00/38703	7/06/00	PCT				
	B36	WO 00/38590	7/06/00	PCT				
	B37	WO 00/38754	7/06/00	PCT				
	B38	WO 00/42949	7/27/00	PCT				
	B39	WO 00/56247	9/28/00	PCT				
	B40	WO 00/57818	10/5/00	PCT				
	B41	WO 00/66122	11/09/00	PCT				
	B42	WO 00/71052	11/30/00	PCT				
	B43	WO 00/74665	12/14/00	PCT				
	B44	WO 01/14387	3/01/01	PCT				
	B45	WO 01/23395	4/05/01	PCT				
	B46	WO 02/058753	8/01/02	PCT				
	B47	WO 03/035131	5/01/03	PCT				
	B48	WO 03/082368	10/9/03	PCT				
	B49	WO 05/004945	1/20/05	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	C1	Anonymous, <i>A Simple Approach for Glass Transition Temperature Prediction</i> , http://www.geocities.com/ResearchTriangle/Thinktank/4146/6400glass-temperature.html , printed 5/5/05 (2 pages).
	C2	Anonymous, <i>Appendix I – Glass Transition Temperature (T_g)</i> www.Dymax.com/pdf/SPIE-Paper-Appendix.pdf , printed 5/9/05 (2 pages).
	C3	Anonymous, <i>Differential Scanning Calorimetry</i> , http://www.pslc.ws/macrog/dsc.htm , printed 5/9/05 (8 pages).
	C4	Anonymous, <i>Glass transition temperature</i> , http://palimpsest.stanford.edu/don/dt/dt1549.html , printed 5/5/05 (1 page).
	C5	Anonymous, <i>Glass Transition Temperature</i> , http://islnotes.cps.msu.edu/trp/back/mol_glas.html , printed 5/5/05 (1 page).
	C6	Anonymous, <i>How Big are Polymers?</i> www.chemeng.ucla.edu/che112/Notes , printed 5/9/05 (13 pages).
	C7	Anonymous, <i>Measuring and Understanding T_g (Glass Transition Temperature)</i> , Arlon, Application Notes (4 pages).

C7	Anonymous, <i>Measuring and Understanding Tg (Glass Transition Temperature)</i> , Arlon, Application Notes (4 pages).
C8	Anonymous, <i>Stenting continues to dominate cardiology</i> , Clinica 720:22 (Sept. 2, 1996), http://www.dialogweb.com/cgi/document?req=1061848017752 , printed 8/25/03 (2 pages).
C9	Anonymous, <i>The Glass Transition</i> , http://www.pslc.ws/macrog/tg.htm , printed 5/18/05 (11 pages).
C10	Anonymous, <i>Thermoplastics – An Introduction</i> , http://www.azom.com/details.asp?ArticleID+83&head=Thermoplastics%2B-%2BAn%2BIntroduction , printed 5/18/05 (5 pages).
C11	Arvanitoyannis et al., <i>Novel star-shaped polylactide with glycerol using stannous octoate or tetraphenyl tin as catalyst: 1 Synthesis, characterization and study of their biodegradability</i> , Polymer vol. 36, no. 15, pp.2947-2956 (1995).
C12	Baird et al, <i>Dielectric behaviour and morphology of polyvinylidene fluoride</i> , Journal of Material Science 10:1248-1251 (1975).
C13	Birmingham Polymers, Inc., DLPLA IV vs. Mw, http://www.birminghampolymers.com/htdocs/dlpla.htm , printed 4/26/04 (1 page).
C14	Birmingham Polymers, Inc., Standard Products, http://www.birminghampolymers.com/htdocs/Standard_Products.htm , printed 4/26/04 (2 pages).
C15	Birmingham Polymers, Inc., <i>Physical Properties of Selected Polymers</i> , http://www.birminghampolymers.com/htdocs/physical_properties.htm , printed 4/26/04 (2 pages).
C16	Birmingham Polymers, Inc., <i>Chemical Properties of Selected Polymers</i> , http://www.birminghampolymers.com/htdocs/Chemical_Properties.htm , printed 5/19/05 (2 pages).
C17	Birmingham Polymers, Inc., <i>Biodegradation Information</i> , http://www.birminghampolymers.com/htdocs/biodegradation.htm , printed 4/26/04 (2 pages).
C18	Black et al., <i>Glass Transitions of Some Block Copolymers</i> , Journal of Applied Polymer Science 18:2307-2310 (1974).
C19	Bliznyuk et al., <i>Surface Glass Transition Temperature of Amorphous Polystyrene Measured By SFM</i> , pp. 1-5.
C20	Bloembergen et al., <i>Studies of composition and Crystallinity of Bacterial Poly(β-hydroxybutyrate-co-β-hydroxyvalerate)</i> , Macromolecules 19, pp. 2865-2871 (1986).
C21	Buchholz et al., <i>Cooling rate dependence of the glass transition temperature of polymer melts: Molecular dynamics study</i> , Journal of Chemical Physics 117(15):7364-7372 (Oct. 15, 2002).
C22	Ding et al., <i>Novel Synthesis of Poly(p-phenylene sulfide) from Cyclic Disulfide Oligomers</i> , Macromolecules 29:4811-4812 (1996).
C23	Eling et al., <i>Biodegradable materials of poly(L-lactic acid): 1. melt-spun and solution-spun fibres</i> , Polymer, vol. 23, pp. 1587-1593 (1982).
C24	Fernandez-Martin et al., <i>Glass Transition Temperature and Heat Capacity of Heterotacticlike PMMA</i> , Journal of Polymer Science: Polymer Physics Edition 19:1353-1363 (1981).
C25	Forrest et al., <i>Effect of Free Surfaces on the Glass Transition Temperature of Thin Polymer Films</i> , Physical Review Letters 77(10):2002-2005 (Sept. 2, 1996).
C26	Fryer et al., <i>Dependence of the Glass Transition Temperature of Polymer Films on Interfacial Energy and Thickness</i> , Macromolecules 34(16):5627-5634 (2001).
C27	Fujii et al., <i>Investigation of the Stereoregularity of Poly(vinyl Alcohol)</i> , Journal of Polymer Science: Part A 2:2327-2347 (1964).
C28	Gee et al., <i>The effect of ionizing radiation on the thermal properties of linear high polymers: Part 2. Nylon-6</i> , pp. 192-197 (1970).
C29	Grohens et al., <i>Tacticity and surface chemistry effects on the glass transition temperature of thin supported PMMA films</i> , Mat. Res. Soc. Symp. 629:FF1.7.1-FF1.7.7 (2000).

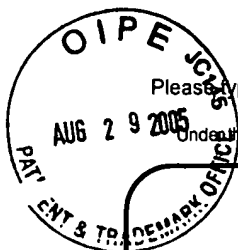
C30	<i>Guidant Licenses Everolimus From Novartis for Drug Eluting Stents</i> (Press Release, March 27, 2002), http://biz.yahoo.com/bw/020327/272460_1.html , printed 03/29/02 (2 pages).
C31	<i>International Nonproprietary Names for Pharmaceutical Substances (INN)</i> , WHO Drug Information 14(3):183, 184, 194 (2000) (3 pages).
C32	International Search Report and Written Opinion for PCT/US2004/017060, filed 5/28/04, mailed 12/30/04, 10 pgs.
C33	Jacobsen et al., <i>Filling of Poly(Lactic Acid) With Native Starch</i> , Polymer engineering and Science, vol. 36, no. 22, pp. 2799-2804 (1996).
C34	<i>KYNAR® and KYNAR®FLEX PVDF, The Base Resins for Demanding Industrial Applications</i> , http://www.products.arkemagroup.com/print.cfm , printed 5/18/05 (3 pages).
C35	Lam et al., <i>Biodegradation of porous versus non-porous poly(L-lactic acid) films</i> , J. of Materials Science: Materials Medicine 5, pp. 181-189 (1994).
C36	Löfgren et al., <i>Synthesis and Characterization of Biodegradable Homopolymers and Block Copolymers Based on 1,5-Dioxepan-2-one</i> , Macromolecules 27:5556-5562 (1994).
C37	Lotz, <i>Phase Transitions and Structure of Crystalline Polymers</i> , pp. 1-27.
C38	Micoulaut et al., <i>Glass Transition temperature variation, cross-linking and structure in network glasses: A stochastic approach</i> , Europhysics Letters 47(5):568-574 (Sept. 1, 1999).
C39	Migliaresi et al., <i>Dynamic Mechanical and Calorimetric Analysis of Compression-Molded PLLA of different Molecular Weights: Effect of Thermal Treatments</i> , J. of Applied Polymer Science, vol. 43, pp. 83-95 (1991).
C40	Nijenhuis et al., <i>Highly crystalline as-polymerized poly(L-lactide)</i> , Polymer bulletin 26, pp. 71-77 (1991).
C41	Parravicini et al., <i>Crystallization of Poly(Ethylene Terephthalate) (PET) from the Oriented Mesomorphic Form</i> , pp. 875-885 (1994).
C42	Reeve et al., <i>Poly lactide Stereochemistry: Effect on Enzymatic Degradability</i> , Macromolecules 27, pp. 825-831 (1994).
C43	Rogers et al., <i>Glass Formation in Polymers. I. The Glass Transitions of the Poly-(n-Alkyl Methacrylates)</i> , 61:985-990 (July 1957).
C44	Sarasua et al., <i>Crystallization and Melting Behavior of Polylactides</i> , Macromolecules 31, pp. 3895-3905 (1998).
C45	Scott et al., <i>Ehtylene-Vinyl Acetate Semi-Batch Emulsion Copolymerization: Use of Factorial Experiments for Process Optimization</i> , pp. 539-555 (1993).
C46	Sichina, <i>Characterization of Polymers by TMA</i> , Perkin Elmer Polymers technical note (9 pages).
C47	Sun et al., <i>Novel Copolyesters Containing Naphthalene Structure. I. From Bis(hydroxyalkyl)naphthalate and Bis[4-(2-hydroxyethoxy)aryl] Compounds</i> , Journal of Polymer Science: Part A: Polymer Chemistry 34:1783-1792 (1996).
C48	Taylor et al., <i>Applied approach to film formation; The glass transition temperature evolution of plasticized latex films</i> (22 pages).
C49	<i>TECHSPRAY Product Information, HFE Flux Remover</i> , http://www.techspray.com/1686info.htm , printed 5/9/05 (2 pages).
C50	Tsige et al., <i>Simulation study of the glass transition temperature in poly(methyl methacrylate)</i> , Physical Review E 65:021805-1-021805-8 (2002).
C51	<i>Transplant 2001: Certican (Everolimus) Effective in Preventing Acute Rejection in Renal Transplantation</i> , http://www.docguide.com/dg.nsf/PrintPrint/A9A24F321A71712485256A4E00689824 , printed 5/9/05 (2 pages).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.



Please type a plus sign (+) inside this box → ☒

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission
(excluding references)

11

Application Number

10/751,289

Filing Date

January 2, 2004

First Named Inventor

Syed F.A. Hossainy

Group Art Unit

1615

Examiner Name

C. S. Rosenthal

Attorney Docket Number

50623.363

ENCLOSURES (check all that apply)

☒ Deposit Account 07-1850
Authorization.

☐ Fee Attached

☐ Amendment / Response

☐ After Final

☐ Affidavits/declaration(s)

☒ Postage Paid Postcard

☒ Information Disclosure Statement
(in duplicate) (2 pages) with Form
PTO-1449 (6 pgs) citing 159
References

☒ Fee Transmittal (in duplicate)

☐ Recordation Form Cover Sheet

☐ Response to Missing Parts/
Incomplete Application

☐ Response to Missing
Parts under 37 CFR
1.52 or 1.53

☐ Assignment Papers
(for an Application)

☐ Drawing(s) In/Formal ___ Sheets with
Submission of Drawings Transmittal

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a
Provisional Application

☐ Power of Attorney, Revocation
Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s) _____

☐ After Allowance Communication to
Group

☐ Appeal Communication to Board of
Appeals and Interferences

☐ Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s):
100 References

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm
or
Individual name

Squire, Sanders & Dempsey L.L.P.
Bernard F. Rose, Reg. No. 42,712

Signature

Date

August 25, 2005

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in a box
addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: August 25, 2005

Typed or printed name

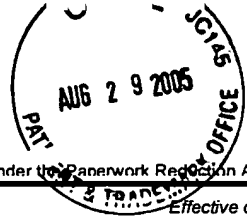
Mary M. Padilla

Signature

Date

August 25, 2005

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**
For FY 2005☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 180.00**Complete if Known**

Application Number	10/751,289
Filing Date	01/02/2004
First Named Inventor	Syed F.A. Hossainy
Examiner Name	Rosenthal, Casey S.
Art Unit	1615
Attorney Docket No.	50623.363

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____☒ Deposit Account Deposit Account Number: 07-1850 Deposit Account Name: Squire, Sanders & Dempsey

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Fee (\$)	Small Entity Fee (\$)
50	25

Each independent claim over 3 (including Reissues)

200	100
-----	-----

Multiple dependent claims

360	180
-----	-----

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
--------------	--------------	----------	---------------

- 20 or HP = _____ x _____ = _____

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
---------------	--------------	----------	---------------

- 3 or HP = _____ x _____ = _____

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
--------------	--------------	--	----------	---------------

_____ - 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Fees Paid (\$)Other (e.g., late filing surcharge): Submission of Information Disclosure Statement\$180.00**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 42,112	Telephone (415) 954-0200
Name (Print/Type)	Bernard F. Rose		Date <u>25 Aug 05</u>

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.